BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI D

Office of the Executive Engineer Dasarahalli Division,

Negotioation Schedule-B

NAME OF WORK: Maintenance of Borewells in Ward No.12 Shettyhalli, Shettyhalli Sub Division. (Call-5)

Sl. No	Description of work	Unit	Qty	Negotioation rate quoted by the contractor S PRAKASH	
				In Figures (Rs.)	Amount
1	2	3	4	5	7
1	MOTOR REWINDING, Repairs to Motor Rewinding of submersible pumpsets with copper insulation wire suitable guage as per ISI specification with guarantee of 6 months, Above 5H.P Upto 10.H.P add Rs 192.50 / per Every .5HP, Above 10 H.P Upto 20 HP Add 175 per every .5 HP etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. 10.00 HP	No	40.00	4928.07	197122.86
2	12.50 H.P	No	20.00	6060.96	121219.23
3	15.00 H.P	No	20.00	7193.85	143877.03
4	Repair of Pump parts, Replacement of Pump parts the following main components of submersible pump setss requiring replacement etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. Pump bowls	No	200.00	317.21	63441.84
5	Intermediate piece (l.P)with 1.P. Leaded Bronze Bush	No	30.00	736.38	22091.36
6	Oil seal	No	70.00	124.62	8723.25
7	Oil seal steel bush	No	40.00	135.95	5437.87
8	Guide Vane	No	120.00	198.26	23790.69
9	Impeller (Shell moulded with aluminium &bronze)	No	120.00	271.89	32627.23
10	Discharge outlet (D.O) Bearing D.O Steel Bush	No	40.00	538.12	21524.91
11	D.O Bearing	No	40.00	96.30	3851.83
12	Steel bearing Bush (D.O Steel Bush)	No	40.00	181.26	7250.50
13	Alen Screw	No	40.00	79.30	3172.09
14	Pump shoft made out of stainless steel centreless ground with key (up to 8 stages)+ Rs.40/- extra 20 stages	No	20.00	679.73	13594.68
15	Pump key (stainless steel)	No	80.00	124.62	9969.43
16	pump coupling (stainless steel)	No	35.00	351.20	12291.86

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17	Non-return valve (NRV) assembly complete with rubber 'O' ring	Each	40.00	589.10	23564.11
18	Cable Guad	Each	40.00	169.93	6797.34
19	Strainer	Each	40.00	198.26	7930.23
20	Brass Filter	Each	40.00	124.62	4984.72
21	Labour charges (Over hauling only)	Each	80.00	566.45	45315.60
22	Replacement of Motor parts etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. Upper Flange	Each	30.00	339.87	10196.01
23	Lower Housing	Each	30.00	555.12	16653.48
24	Lower Flange	Each	30.00	419.17	12575.08
25	Lock Ring	Each	30.00	90.63	2718.94
26	Carbon Housing	Each	30.00	419.17	12575.08
27	Thrust bearing block assembly complete with segment bearing pad	Each	50.00	566.45	28322.25
28	Tip Carbon / Ferrodod Padding	Each	20.00	1812.62	36252.48
29	Stud and Nuts	Each	80.00	90.63	7250.50
30	Bearing (Gun Metal) Centrifugal Cas Aluminium Bronze, Bearing Bush	Each	100.00	419.17	41916.93
31	Circlips	Each	30.00	50.98	1529.40
32	Motor base with pin	Each	30.00	419.17	12575.08
33	Transportation of pumping machinaries	Each	160.00	623.09	99694.32
34	Labour charges for lifting of non functioning submersible pump set along with cable and GI pipes etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	600.00	112.26	67355.46
35	Labour charges for Erection of new / repaired submersible pump set along with G.I. pipes (50/32mm), S.M cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transporation for 3 HP to 20 HP and for all depthsetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	800.00	90.63	72504.96
36	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to cable 3 class 5 of IS 8130-1984 and latest amendments of IS 694 / 1990 and virgin grade PVC insulation and sheathed suitable for working voltage up to 1100 volts etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Rmt	2450.00	164.27	402459.17

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37	Fabricating Supplying and Mounting MS Box Made out 14 SWG Suitable For Floor/ Wall Mounting Fully Weather Proof With Provision For Better Heat Dissipation, Provided With Hinged Front Cover, Equipped With Tamper Proof Locking Arrangements, With Suitable Size Clamps With Necessary Cable Entry Pipe With Gland and Box Should be Finished With 2 Coats Of red Oxide Primer Paint And Finally Finished With Approved Colour Enameled Metal Pain etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sq.Cm	23.00	12688.37	291832.46
38	Suplying and fixing angle iron frame work fabricated out of MS angle iron and MS flat Bolts , Washers etc and painted with 2 coats of red oxide and then two coats of approved paint 40x40x6mm etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	No	23.00	237.91	5471.86
39	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered incerted wooden plugs screws etc F) 20" x 20" x 2.5" etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	23.00	293.52	6750.99
40	Supplying and fixing miniature circuit breaker on existing MCB distribution board using necessary fixing materials and wiring complete as per required etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	No	50.00	1954.24	97711.76
41	Supplying and fixing one of the fuse cutouts having porcelain base approved quality on the existing wooden block and wiring complete.etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	No	150.00	237.91	35686.04
42	Supplying and delivery at site brand new texmo / innoval / Lubi / Sabar / Atalanta / Calamal make suitable for vertical installation in 150mm dia borewell comprising of single stage of multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction casing suction strainers sand guard Non return value etc., complete. The pump and motor shall form an integral unit with all the required fittings 15.00 HP 30 stageetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	No	20.00	72710.94	1454218.80

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43	Supplying of LTUG Cable having aluminium conductor PVC insulated sheathed galvanized steel wire/ steel tape armored cable with PVC outer sheathing 1.1KV class conforming IS 1554 -PVC Cable etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Rmtr	300.00	169.93	50980.05
44	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidatingetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	108.00	56.64	6117.61
45	Labour charges for laying 1.1KV class UG cable when supplied departmentally/agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Rmtr	360.00	5.66	2039.20
46	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	8.00	6779.83	54238.65
47	Supplying and fixing single phase preventer etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	756.98	22709.30
48	Supplying fixing and wiring 0 to 600 Volts 96 x 96mm AC voltmeter etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	442.86	13285.71
49	Supplying fixing and wiring 0 to 100 Amps Direct Reading AC analog Ammeter etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	509.80	15294.02
50	Supplying, fixing and wiring rotary selector switch suitable for ammeter etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	442.86	13285.71
51	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	252.33	7569.77
52	Supplying and fixing for LED type panel board indicating lamp with etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	442.86	13285.71

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53	Supplying and fixing of 4 pole power contactor etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	30.00	952.66	28579.73
54	KSRB 13-7.2.4 Providing and fixing in position 50mm nominal bore non-return valve Horizontal type of approved make including cost of all materials labour and HOM of equipments with all leads etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	20.00	1082.42	21648.50
55	Supllying and fixing 50mm GL Union,etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	20.00	230.39	4607.77
56	Supllying and fixing 50mm GI Elbow etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	20.00	115.14	2302.86
57	Supllying and fixing 50mm GI Nippleetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	20.00	107.42	2148.37
58	Supllying and fixing 50mm GI Collars etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	60.00	128.74	7724.25
59	Supplying and fixing 50 mm GI pipes 'C' class heavy duty for erection of submersible pumpset etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Mtrs	150.00	414.79	62218.83
60	Supplying and fixing gunmetal gate valve 50mm nominal bore etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	20.00	1647.84	32956.80
61	Cleaning of borewells including yield testing of borewell either using slow or fasr Rig for more than 2 hours at the tinal depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification. Including the cost of transportation charges crew charges, cost of consumables etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	3.00	10762.46	32287.37
62	Logging / Scanning of borewell at any continously with the help of logger unit using including the cost of transportation charges crew charges. Stationary charges and cost of consumables etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	3.00	1359.47	4078.40
63	Yield Testing of Borewell at finl depth with a minmum of 10 hours continously with the help of Pump Testing Unit including the cost of transportation charges crew charges and cost of consumables etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	3.00	7363.79	22091.36

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64	Fishing of Power from the borewell including the cost of labour materials with all lead and lift etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	3.00	4758.14	14274.41
65	Old GI pipe threading and transportation charges etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Each	180.00	166.84	30031.88

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